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NEWS 9 Experimental properties added to the REGISTRY file  
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NEWS 18 TOXCENTER enhanced with additional content  
NEWS 19 Adis Clinical Trials Insight now available on STN  
NEWS 20 Simultaneous left and right truncation added to COMPENDEX,  
ENERGY, INSPEC  
NEWS 21 CANCERLIT is no longer being updated  
NEWS 22 METINDEX enhancements  
NEWS 23 PCTOEN now available on STN  
NEWS 24 TEVA now available on STN  
NEWS 25 NTIS now allows simultaneous left and right truncation  
NEWS 26 PCTFUL now contains images  
NEWS 27 SDI PACKAGE for monthly delivery of multifile SDI results  
NEWS 28 EVENTLINE will be removed from STN  
NEWS 29 PATDPAFUL now available on STN  
NEWS 30 Additional information for trade-named substances without  
structures available in REGISTRY  
NEWS 31 Display formats in DGENE enhanced  
NEWS 32 MEDLINE Reload  
NEWS 33 Polymer searching in REGISTRY enhanced  
NEWS 34 Indexing from 1947 to 1956 added to records in CA/CAPUS  
NEWS 35 New current-awareness alert (SDI) frequency in  
WPIDS/WPINDEX/WPIX  
NEWS 36 RDISCLOSURE now available on STN  
NEWS 37 Pharmacokinetic information and systematic chemical names  
added to PHAR  
NEWS 38 MEDLINE file segment of TOXCENTER reloaded  
NEWS 39 Supporter information for ENCOMPAT and ENCOMPULIT updated  
NEWS 40 CHEMREACT will be removed from STN  
NEWS 41 Simultaneous left and right truncation added to WSCA  
NEWS 42 RAPRA enhanced with new search field, simultaneous left and  
right truncation  
NEWS 43 Simultaneous left and right truncation added to CBNB  
PASCAL enhanced with additional data

NEWS 44 Jun 20 2003 edition of the FSTA Thesaurus is now available  
NEWS 45 Jun 25 HSDB has been reloaded

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT  
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0b(JP),  
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003  
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NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
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\*\*\*\*\* STN Columbus \*\*\*\*\*

FILE 'HOME' ENTERED AT 10:45:33 ON 26 JUN 2003

=> file medicine, cancerlit, biosis, confsci, embase, caplus, uspatfull, pctfull, scisearch	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	0.63	0.63

FILE 'MEDLINE' ENTERED AT 10:47:10 ON 26 JUN 2003

FILE 'CANCERLIT' ENTERED AT 10:47:10 ON 26 JUN 2003

FILE 'BIOSIS' ENTERED AT 10:47:10 ON 26 JUN 2003

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FILE 'EMBASE' ENTERED AT 10:47:10 ON 26 JUN 2003

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FILE 'CAPUS' ENTERED AT 10:47:10 ON 26 JUN 2003

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FILE 'USPATFUL' ENTERED AT 10:47:10 ON 26 JUN 2003

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FILE 'PCTFUL' ENTERED AT 10:47:10 ON 26 JUN 2003

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FILE 'SCISEARCH' ENTERED AT 10:47:10 ON 26 JUN 2003

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=> s transgenic? and potassium (a) channel?  
L1 1842 TRANSGENIC? AND POTASSIUM (A) CHANNEL?  
=> s l1 and p (a) domain  
L2 156 l1 AND P (A) DOMAIN  
=> dup rem 12

PROCESSING COMPLETED FOR L2  
L3 154 DUP REM L2 (2 DUPLICATES REMOVED)

=> 8 13 NOT PY=>1998  
'1998' NOT A VALID FIELD CODE  
6 FILES SEARCHED...  
L4 1 L3 NOT PY=>1998

=> d

L4 ANSWER 1 OF 1 PCTFULL COPYRIGHT 2003 Univentio  
DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER

=> d all

L4 ANSWER 1 OF 1 PCTFULL COPYRIGHT 2003 Univentio  
DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER

=> 8 13 NOT PY=>1999  
'1999' NOT A VALID FIELD CODE  
5 FILES SEARCHED...  
L5 1 L3 NOT PY=>1999

=> d 1 all

L5 ANSWER 1 OF 1 PCTFULL COPYRIGHT 2003 Univentio  
DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER

=> d his

(FILE 'HOME' ENTERED AT 10:45:33 ON 26 JUN 2003)

FILE 'MELINE, CANCERLIT, BIOSIS, CONFSCI, EMBASE, CAPLUS, USPATFULL,  
PCTFULL, SCISEARCH' ENTERED AT 10:47:10 ON 26 JUN 2003

L1 1842 S TRANSGENIC? AND POTASSIUM (A) CHANNEL?  
L2 156 S L1 AND P (A) DOMAIN  
L3 154 DUP REM L2 (2 DUPLICATES REMOVED)  
L4 1 S L3 NOT PY=>1998  
L5 1 S L3 NOT PY=>1999

=> 9 potassium (a) transport (a) channel  
L6 327 POTASSIUM (A) TRANSPORT (A) CHANNEL

=> 8 16 and transgenic?  
L7 14 L6 AND TRANSGENIC?

=> d 1-14

L7 ANSWER 1 OF 14 USPATFULL  
AN 2003:112998 USPATFULL  
TI Human Elk, a voltage-gated potassium channel subunit  
IN Jegla, Timothy J., Durham, NC, UNITED STATES  
PA Wickenden, Alan, Cary, NC, UNITED STATES  
ICAGEN, Incorporated, Durham, NC, UNITED STATES, 27703 (U.S.  
corporation)

PI US 2003077731 AI 20030424  
TI US 2002-160224 AI 20020528 (10)  
RI Division of Ser. No. US 1999-343494, filed on 30 Jun 1999, GRANTED, Pat.  
No. US 6413741  
PRAI US 1999-116621P 19990121 (60)  
US 1998-91469P 19980701 (60)

DT Utility

FS APPLICATION  
LN.CNT 2965  
INCL INCLM: 435/069.100  
NCL INCL: 435/006.000; 435/320.100; 435/325.000; 530/350.000; 536/023.200  
NCLM: 435/069.100  
NCLS: 435/006.000; 435/320.100; 435/325.000; 530/350.000; 536/023.200  
IC [7]  
ICM: C12Q001-68  
ICS: C07H021-04; C07K014-435; C12P021-02; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 2 OF 14 USPATFULL  
AN 2003:71412 USPATFULL  
TI Family of mechanosensitive human potassium channels activated by  
IN polynaturated fatty acids and their use  
Lazdunski, Michel, Nice, FRANCE  
Lepage, Florian, Nice, FRANCE  
Maignet, Francois, Antibes, FRANCE  
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, C.N.R.S., PARIS, FRANCE,  
F-75794 (non-U.S. corporation)  
PI US 2003049697 AI 20030313  
AI US 2002-243035 AI 20020913 (10)  
RI Continuation of Ser. No. WO 2001-FR758, filed on 14 Mar 2001, UNKNOWN  
PRAI FR 2000-3264 20000314  
DT Utility

FS APPLICATION

LN.CNT 792  
INCL INCLM: 435/007.210  
NCL INCLM: 435/007.210  
IC [7]  
ICM: G01N033-567

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 3 OF 14 USPATFULL  
AN 2003:23693 USPATFULL

TI S102 and S104, novel potassium channel proteins from human brain  
IN Jegla, Timothy James, Durham, NC, UNITED STATES  
Witzel, Julie Dickson, Raleigh, NC, UNITED STATES  
ICAGEN, Inc., Durham, NC, 27703 (U.S. corporation)  
PI US 2003017533 AI 20030123  
AI US 2001-921159 AI 20010801 (9)  
PRAI US 2000-249112P 20001115 (60)  
DT Utility

FS APPLICATION

LN.CNT 4681

INCL INCLM: 435/069.100  
INCL: 435/183.000; 435/325.000; 435/320.100; 702/019.000; 530/350.000;  
NCLM: 435/069.100  
NCLS: 435/183.000; 435/325.000; 435/320.100; 702/019.000; 530/350.000;  
IC [7]  
ICM: C07K014-435  
ICS: G06F019-00; C07H021-04; C12N009-00  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 4 OF 14 USPATFULL  
AN 2002:201843 USPATFULL  
TI Beta subunits of Slo family potassium channels  
IN Jegla, Timothy J., Durham, NC, UNITED STATES  
Wickenden, Alan, Cary, NC, UNITED STATES  
Liu, Yi, Cary, NC, United States  
ICAGEN Inc., Durham, NC, United States (U.S. corporation)  
PI US 6432645 20020813  
US 2000-510257 B1 20000222 (9)

PRAI US 1999-121224P 19990223 (60)  
 DT US 1999-163367P 19991103 (60)  
 FS GRANTED  
 LN CNT 2780  
 INCL INCLM: 435/006.000  
 INCLS: 435/091.100; 435/091.200; 536/022.100; 536/023.100; 536/024.300;  
 NCLM: 435/024.330  
 NCLS: 435/091.100; 435/091.200; 536/022.100; 536/023.100; 536/024.300;  
 536/024.330  
 IC [7]  
 ICM: C120001-68  
 ICS: C07H019-00; C07H021-00; C07H021-02  
 EXF 435/6; 435/91.1; 435/91.2; 536/22.1; 536/23.1; 536/24.3; 536/24.33  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 L7 ANSWER 5 OF 14 USPTFULL  
 AN 2002:191612 USPTFULL  
 TI KCN05, a novel potassium channel  
 IN Jegla, Timothy J., Durham, NC, UNITED STATES  
 PI US 2002102677 A1 20020801  
 AI US 2001-810796 A1 20010315 (9)  
 PRAI US 2000-190954P 20000321 (60)  
 DT Utility  
 FS APPLICATION  
 LN CNT 3307  
 INCL INCLM: 435/183.000  
 INCLS: 435/069.100; 435/325.000; 435/320.100; 530/350.000; 536/023.200  
 NCLM: 435/183.000  
 NCLS: 435/069.100; 435/325.000; 435/320.100; 530/350.000; 536/023.200  
 IC [7]  
 ICM: C12N009-00  
 ICS: C12N005-06; C07H021-04; C07K014-435  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 L7 ANSWER 6 OF 14 USPTFULL  
 AN 2002:178770 USPTFULL  
 TI Family of mammalian potassium channels, their cloning and their use,  
 especially for the screening of drugs  
 IN Duprat, Fabrice, Vallauris, FRANCE  
 Lesage, Florian, Paris, FRANCE  
 Fink, Michel, La Bocca, FRANCE  
 Lazdunski, Michel, Nice, FRANCE  
 PA Centre National De La Recherche Scientifique-CNRS (non-U.S. corporation)  
 PI US 2002094558 A1 20020718  
 AI US 2001-939483 A1 20010824 (9)  
 RLI Division of Ser. No. US 1998-144914, filed on 1 Sep 1998, PATENTED  
 Continuation-in-part of Ser. No. US 1996-749816, filed on 15 Nov 1996,  
 PATENTED  
 PRAI US 1998-95234P 19980804 (60)  
 DT Utility  
 FS APPLICATION  
 LN CNT 1876  
 INCL INCLM: 435/183.000  
 INCLS: 435/069.100; 435/325.000; 435/320.100; 530/350.000; 536/023.200  
 NCLM: 435/183.000  
 NCLS: 435/069.100; 435/325.000; 435/320.100; 530/350.000; 536/023.200  
 IC [7]  
 ICM: C12N009-00  
 ICS: C07H021-04; C12P021-02; C12N005-06; C07K014-435  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 L7 ANSWER 7 OF 14 USPTFULL  
 AN 2002:160548 USPTFULL

TI Human elk a voltage-gated potassium channel subunit  
 IN Jegla, Timothy J., Durham, NC, United States  
 Wickenden, Alan, Cary, NC, United States  
 PA ICGEN, Incorporated, Durham, NC, United States (U.S. corporation)  
 PI US 6413741 B1 20020702  
 AI US 1999-343494 19990630 (9)  
 PRAI US 1998-91469P 19980701 (60)  
 DT US 1999-116621P 19990121 (60)  
 FS GRANTED  
 LN CNT 2508  
 INCL INCLM: 435/069.100  
 INCLS: 435/320.100; 435/325.000; 435/006.000; 536/023.500  
 NCLM: 435/069.100  
 NCLS: 435/006.000; 435/320.100; 435/325.000; 536/023.500  
 IC [7]  
 ICM: C12N015-12  
 ICS: C12N015-63; C12N005-00; C12Q001-68  
 EXF 536/23.5; 435/6; 435/69.1; 435/320.1; 435/325  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 L7 ANSWER 8 OF 14 USPTFULL  
 AN 2002:55158 USPTFULL  
 TI Family of mammalian potassium channels, their cloning and their use,  
 especially for the screening of drugs  
 IN Duprat, Fabrice, Vallauris, FRANCE  
 Lesage, Florian, Paris, FRANCE  
 Fink, Michel, La Bocca, FRANCE  
 Lazdunski, Michel, Nice, FRANCE  
 PA Centre National De La Recherche Scientifique-CNRS (non-U.S. corporation)  
 PI US 2002032322 A1 20020314  
 AI US 2001-939484 A1 20010824 (9)  
 RLI Division of Ser. No. US 1998-144914, filed on 1 Sep 1998, GRANTED, Pat.  
 No. US 6309855 Continuation-in-part of Ser. No. US 1996-749816, filed on  
 15 Nov 1996, GRANTED, Pat. No. US 6013470  
 PRAI FR 1996-1565 19960208  
 DT US 1998-95234P 19980804 (60)  
 FS Utility  
 LN CNT 1902  
 INCL INCLM: 536/023.500  
 INCLS: 530/350.000; 435/007.100; 530/300.000; 435/006.000; 536/024.100;  
 435/325.000; 435/320.100; 435/252.100; 800/008.000  
 NCLM: 536/023.500  
 NCLS: 530/350.000; 435/007.100; 530/300.000; 435/006.000; 536/024.100;  
 435/325.000; 435/320.100; 435/252.100; 800/008.000  
 IC [7]  
 ICM: C12Q001-68  
 ICS: G01N033-53; A01K067-00; A01K067-033; C07H021-04; C12P021-06  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 L7 ANSWER 9 OF 14 PCTFULL, COPYRIGHT 2003 Univentio  
 AN 2002040649 PCTFULL, ED 20020610 EW 200221  
 TIEN SLO2 AND SLO4, NOVEL POTASSIUM CHANNEL PROTEINS FROM HUMAN BRAIN  
 TIFR SLO2 ET SLO4, NOUVELLES PROTEINES DE CANAL POTASSIQUE PROVENANT DU  
 CERVEAU HUMAIN  
 IN Jegla, Timothy, James, 5315 Revere Rd., Durham, NC 27713, US [US, US];  
 WITZEL, Julie, Dickinson, 9521 Meadowmont Lane, Raleigh, NC 27615, US [US,  
 US]  
 PA ICGEN, INC., 4222 Emperor Boulevard, Suite 350, Durham, NC 27703, US  
 [US, US], for all designates States except US;  
 Jegla, Timothy, James, 5315 Revere Rd., Durham, NC 27713, US [US, US],  
 for US only;  
 WITZEL, Julie, Dickinson, 9521 Meadowmont Lane, Raleigh, NC 27615, US [US,  
 US], for US only

AG PARENT, Annette, S., Townsend and Townsend and Crew, LLP, Two  
LAF Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, US  
English  
DT Patent  
PI WO 2002040649 A1 20020523  
DS AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ  
DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE  
KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW NX NZ NO  
NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ  
VN YU ZA ZW  
RM (ARIPO) : GH GM KE LS MM MZ SD SL SZ TZ UG ZW  
RM (EAP0) : AM AZ BY KG KZ MD RU TJ TM  
RM (EP0) : AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
RM (OAPI) : BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
AI WO 2001-US25701 A 20010815  
PRA US 2000-60/249,112 20010115  
ICM US 2001-60/249,112 20010801  
ICS C12N015-10  
C12N015-12; C12N015-63  
L7 ANSWER 10 OF 14 PCTFULL COPYRIGHT 2003 Univentio  
AN 2001079455 PCTFULL ED 20020826  
TIEN KY10.1, A NOVEL VOLTAGE-GATED POTASSIUM CHANNEL FROM HUMAN BRAIN  
TIER KY10, UN NOUVEAU CANAL POTASSIQUE COMMANDE PAR TENSION A PARTIR DE  
IN CERVEAU HUMAIN  
PA JEGLA, Timothy, James  
ICAGEN, INC. :  
JEGLA, Timothy, James  
DT Patent  
PI WO 2001079455 A1 20011025  
DS AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID  
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW NX NZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MM MZ SD SL SZ TZ  
UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR  
GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GM ML  
MR NE SN TD TG  
AI WO 2001-US12185 A 20010413  
PRAI US 2000-60/197,793 20000414  
US 2001-09/833,466 20010411  
ICM C12N005-10  
ICS C12N015-12; C12N015-63; C07K014-705; C07K016-18;  
C07K016-28; C12Q001-68; G01N033-53; G01N033-567  
L7 ANSWER 11 OF 14 PCTFULL COPYRIGHT 2003 Univentio  
AN 2001070759 PCTFULL ED 20020822  
TIEN POTASSIUM CHANNEL KCNO5  
TIER CANAL POTASSIUM APELE KCNO5  
IN JEGLA, Timothy, James  
PA JEGLA, Timothy, James  
ICAGEN, INC. :  
JEGLA, Timothy, James  
DT Patent  
PI WO 2001070759 A1 20010927  
DS AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ  
DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE  
KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW NX NZ NO  
NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ  
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KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC  
NL PT SE TR BF BJ CF CG CI CM GA GN GM ML MR NE SN TD TG  
AI WO 2001-US9328 A 20010320  
PRAI US 2000-60/190,954 20000321  
ICM C07H021-04

ICS C12P021-06; C12N015-63; C12N015-85; C12N015-86; C07K005-10;  
G01N033-543; G01N033-53  
L7 ANSWER 12 OF 14 PCTFULL COPYRIGHT 2003 Univentio  
AN 2000050444 PCTFULL ED 20020515  
TIEN BK BETA SUBUNITS OF SLO FAMILY POTASSIUM CHANNELS  
TIER SOUS-UNITES DE BK BETA DE CANAUX POTASSIQUES DE FAMILLE SLO  
IN WICKENDEN, Alan;  
L7U, YI  
PA JEGLA, Timothy, James;  
ICAGEN, INC. :  
WICKENDEN, Alan;  
L7U, YI  
LA L7U, YI  
DT Patent  
PI WO 2000050444 A1 20000831  
DS AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CO CR CU CZ DE DK DM  
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MN MW NX NO NZ PL PT RO RU  
SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH  
GM KE LS MM SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT  
BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF  
CG CI CM GA GN GM ML MR NE SN TD TG  
AI WO 2000-US4441 A 20000222  
PRAI US 1999-60/121,224 19990223  
US 1999-60/163,367 19991103  
ICM C07K001-00  
L7 ANSWER 13 OF 14 PCTFULL COPYRIGHT 2003 Univentio  
AN 200001819 PCTFULL ED 20020515  
TIEN HUMAN ELK, A VOLTAGE-GATED POTASSIUM CHANNEL SUBUNIT  
TIER SOUS-UNITÉ DE CANAL POTASSIQUE POTENTIEL DEPENDANT, ELK DE L'HOMME  
IN JEGLA, Timothy, J. ;  
WICKENDEN, Alan  
PA JEGLA, Timothy, J. ;  
ICAGEN, INCORPORATED;  
JEGLA, Timothy, J. ;  
WICKENDEN, Alan  
LA English  
DT Patent  
PI WO 200001819 A1 20000113  
DS AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK  
LR LS LT LU LV MD MG MN MW NX NO NZ PL PT RO RU SD SE SG  
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SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK  
EE FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN  
GM ML MR NE SN TD TG  
AI WO 1999-US14944 A 19990630  
PRAI US 1998-60/091,469 19980701  
US 1999-60/116,621 19990121  
ICM C12N015-12  
ICS C12N005-10; C12N015-63; C07K014-435; C07K014-47  
L7 ANSWER 14 OF 14 PCTFULL COPYRIGHT 2003 Univentio  
AN 2000001811 PCTFULL ED 20020515  
TIEN K6.2, A VOLTAGE-GATED POTASSIUM CHANNEL SUBUNIT  
TIER SOUS-UNITÉ DE CANAL POTASSIQUE POTENTIEL DEPENDANT, K6.2  
IN JEGLA, Timothy, James  
PA JEGLA, INCORPORATED;  
JEGLA, Timothy, James  
LA English  
DT Patent  
PI WO 2000001811 A1 20000113  
DS AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK  
LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZM ZH ZI ZJ ZK  
SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK  
ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM CA GN  
CM ML MR NE SN TD TG  
AI WO 1999-US14945 A 19990630  
PRAI US 1998-60/091.466 19980701  
ICM C12N015-11  
ICS A6IK039-395

=> d his

(FILE 'HOME' ENTERED AT 10:45:33 ON 26 JUN 2003)

FILE 'MEDLINE, CANCERLIT, BIOSIS, CONFSCI, EMBASE, CAPLUS, USPATFULL,  
PCTFULL, SCISEARCH' ENTERED AT 10:47:10 ON 26 JUN 2003

L1 1842 S TRANSGENIC? AND POTASSIUM (A) CHANNEL?  
L2 156 S L1 AND P (A) DOMAIN  
L3 154 DUP REM L2 (2 DUPLICATES REMOVED)  
L4 1 S L3 NOT PY=>1998  
L5 1 S L3 NOT PY=>1999  
L6 327 S POTASSIUM (A) TRANSPORT (A) CHANNEL  
L7 14 S L6 AND TRANSGENIC?

=> s l1 and shaker  
L8 245 L1 AND SHAKER

=> dup rem l8  
PROCESSING COMPLETED FOR L8  
L9 217 DUP REM L8 (28 DUPLICATES REMOVED)

=> s l9 not py=>1999  
'1999' NOT A VALID FIELD CODE  
7 FILES SEARCHED...  
L10 21 L9 NOT PY=>1999

=> d 1-21

L10 ANSWER 1 OF 21 MEDLINE  
AN 1998169473 MEDLINE  
DN 98169473 PubMed ID: 9501192  
TI Long QT and ventricular arrhythmias in transgenic mice  
expressing the N terminus and first transmembrane segment of a  
voltage-gated potassium channel.  
AU London B; Jeron A; Zhou J; Buckett P; Han X; Mitchell G F; Koren G  
CS Division of Cardiology, University of Pittsburgh Medical Center,  
Pittsburgh, PA 15213, USA.. koren@calvin.bwh.harvard.edu  
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF  
AMERICA. (1998 Mar 17) 95 (6) 2926-31.  
CY Journal code: 7505876. ISSN: 0027-8424.  
DT United States  
LA English  
FS Priority Journals  
EM 199804  
ED Entered STN: 19980422  
Last Updated on STN: 19980422  
Entered Medline: 19980410  
L10 ANSWER 2 OF 21 MEDLINE  
AN 97272240 MEDLINE  
DN 97272240 PubMed ID: 9114006  
TI Reversible antisense inhibition of Shaker-like Kv1.1

potassium channel expression impairs associative memory  
in mouse and rat.  
AU Meiri N; Ghelardoni C; Tesco G; Galeotti N; Dahl D; Tomasic D; Cavallaro S;  
Quattrone A; Capaccioli S; Bartolini A; Alkon D L  
CS Laboratory of Adaptive Systems, National Institutes of Health, Bethesda,  
MD 20892, USA.  
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF  
AMERICA. (1997 Apr 29) 94 (9) 4430-4.  
CY Journal code: 7505876. ISSN: 0027-8424.  
DT United States  
LA English  
FS Priority Journals  
EM 199705  
ED Entered STN: 19970609  
Last Updated on STN: 19970609  
Entered Medline: 19970527

L10 ANSWER 3 OF 21 MEDLINE  
AN 97264425 MEDLINE  
DN 97264425 PubMed ID: 9110258  
TI Tissue-specific alternative splicing of Shaker potassium  
channel transcripts results from distinct modes of regulating 3'  
splice choice.  
AU Iverson L E; Mottes J R; Yeager S A; Germeraad S E  
CS Division of Neurosciences, Beckman Research Institute of the City of Hope,  
Duarte, California 91010, USA.  
NC NS18858 (NINDS)  
SO JOURNAL OF NEUROBIOLOGY. (1997 May) 32 (5) 457-68.  
CY Journal code: 0213640. ISSN: 0022-3034.  
DT United States  
LA English  
FS Priority Journals  
EM 199706  
ED Entered STN: 19970630  
Last Updated on STN: 19970630  
Entered Medline: 19970616

L10 ANSWER 4 OF 21 MEDLINE  
AN 95209868 MEDLINE  
DN 95209868 PubMed ID: 7695908  
TI Tissue-specific alternative splicing of hybrid Shaker/Inac2 genes  
correlates with kinetic differences in Shaker K+ currents in  
vivo.  
AU Mottes J R; Iverson L E  
CS Division of Neurosciences Beckman Research Institute of the City of Hope,  
Duarte, California 91010.  
NC NS18858 (NINDS)  
SO NEURON. (1995 Mar) 14 (3) 613-23.  
CY Journal code: 8809320. ISSN: 0896-6273.  
DT United States  
LA English  
FS Priority Journals  
EM 199505  
ED Entered STN: 19950510  
Last Updated on STN: 19961106  
Entered Medline: 19950501  
L10 ANSWER 5 OF 21 MEDLINE  
AN 95173681 MEDLINE  
DN 95173681 PubMed ID: 7869107

TI Functional expression of Shaker K<sup>+</sup> channels in cultured  
Drosophila "giant" neurons derived from Sh cDNA transformants: distinct  
properties, distribution, and turnover.  
AU Zhao W L; Sable E O; Iverson L E; Wu C F  
CS Department of Biological Sciences, University of Iowa, Iowa City 52242.  
NS NS18500 (NINDS)  
NS26528 (NINDS)  
NS28135 (NINDS)

SO JOURNAL OF NEUROSCIENCE, (1995 Feb) 15 (2) 1406-18.  
CY Journal code: 8102140. ISSN: 0270-6474.  
DT United States  
LA English  
FS Journal: Article: (JOURNAL ARTICLE)  
EM Priority Journals  
EM 199503  
ED Entered STN: 19950407  
Last Updated on STN: 19970203  
Entered Medicine: 19950329

L10 ANSWER 6 OF 21 MEDLINE  
AN 90005442 MEDLINE  
DN 90005442 Pubmed ID: 2551680  
TI The interference of truncated with normal potassium  
channel subunits leads to abnormal behaviour in transgenic  
Drosophila melanogaster.  
AU Mueller-Holtkamp F; Ferrus A; Pongs O  
CS Lehrstuhl fur Biochemie, Ruhr-Universitat Bochum, FRG.  
SO EMBO JOURNAL, (1989 Aug) 8 (8) 2359-64.  
CY ENGLAND: United Kingdom  
DT Journal: Article: (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 198911  
ED Entered STN: 19900328  
Last Updated on STN: 19990129  
Entered Medicine: 19891109

L10 ANSWER 7 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
AN 1998:448588 BIOSIS  
DN PREV199800448588  
TI Identification and disruption of a plant shaker-like outward  
channel involved in K<sup>+</sup> release into the xylem sap.  
AU Gayraud, Frederic (1); Pilot, Guillaume; Lacombe, Benoit; Bouchet, David;  
Bruneau, Dominique; Boucherez, Jossia; Michaux-Ferriere, Nicole; Thibaud,  
Jean-Baptiste; Sentenac, Hervé  
CS (1) Biochimie Physiol. Mol. des Plantes, INRA/CNRS URA 2133/Agro-M/UM 11,  
34060 Montpellier cedex 1 France  
SO Cell, (Sept. 4, 1998) Vol. 94, No. 5, pp. 647-655.  
ISSN: 0092-8674.  
DT Article  
LA English

L10 ANSWER 8 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
AN 1996:549538 BIOSIS  
DN PREV19969211894  
TI Overexpression of a shaker-type K<sup>+</sup> channel in a  
transgenic mouse leads to a paradoxical hyperexcitable phenotype.  
AU Williams, S. H. (1); Abedi, R. (1); Noebels, J. L. (1); Pfaffinger, P. J;  
Overbeek, P.; Sutherland, M. L. (1)  
CS (1) Dep. Neurol., Baylor Coll. Med., One Baylor Plaza, Houston, TX 77030  
USA  
SO Society for Neuroscience Abstracts, (1996) Vol. 22, No. 1-3, pp. 2086.

Meeting Info.: 26th Annual Meeting of the Society for Neuroscience  
Washington, D.C., USA November 16-21, 1996  
ISSN: 0190-5295.

DT Conference  
LA English

L10 ANSWER 9 OF 21 USPATFULL  
AN 1998:57775 USPATFULL  
TI Biomolecular optical sensors  
IS Isacoff, Ehud Y., Berkeley, CA, United States  
Mannuzza, Lidia M., Berkeley, CA, United States  
Morone, Mario M., Berkeley, CA, United States  
PA The Regents of the University of California, Oakland, CA, United States  
(U.S. corporation)  
PI US 5756351 19980526  
AI US 1997-783377 19970113 (8)  
DT Utility  
FS Granted  
IN.CNT 567

INCL INCLM: 435/325.000  
INCL: 435/242.000; 435/252.300; 435/254.110; 435/257.200; 435/410.000  
NCLM: 435/325.000  
NCL: 435/242.000; 435/252.300; 435/254.110; 435/257.200; 435/410.000  
IC [6]  
ICM: C12N005-00  
ICS: C12N001-20; C12N003-00; C12N001-14  
EXF 435/325; 435/252.3; 435/242; 435/254.11; 435/257.2; 435/410  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 10 OF 21 USPATFULL  
AN 1998:6941 USPATFULL  
TI Human potassium channel 1 and 2 proteins  
LI Yi, Galtersburg, MD, United States  
Adams, Mark D., North Potomac, MD, United States  
White, Owen R., Galtersburg, MD, United States  
PA Human Genome Sciences, Inc., Galtersburg, MD, United States (U.S.  
corporation)  
PI US 5710019 19980120  
AI US 1995-464340 19950605 (8)  
DT Utility  
FS Granted  
IN.CNT 1721

INCL INCLM: 435/069.100  
INCL: 435/240.200; 435/252.300; 435/325.000; 435/530.000; 435/350.000;  
NCLM: 435/536.000; 435/023.500  
NCL: 435/252.300; 435/325.000; 435/350.000; 536/023.500  
IC [6]  
ICM: C12P021-02  
ICS: C12N015-12; C07K014-705  
EXF 435/69.1; 435/240.2; 435/252.3; 435/325; 530/350; 536/23.5  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 11 OF 21 USPATFULL  
AN 96:43765 USPATFULL  
TI Reverse antimicrobial peptides  
Mepelli, Claudio, Princeton, NJ, United States  
Swerdlott, Michael D., Princeton, NJ, United States  
Williams, Jon I., Robbinston, VA, United States  
Everett, Nicholas P., Pennington City, NJ, United States  
PA Enchem S.p.A., Italy (non-U.S. corporation)  
PI US 5519115 19960521  
AI US 1993-164151 19931209 (8)  
DT Abandoned  
US Continuation of Ser. No. US 1991-649784, filed on 1 Feb 1991, now  
abandoned

DT Utility  
FS Granted  
LN CNT 4886  
INCL: INCLM: 530/324.000  
INCLM: 530/325.000; 530/326.000  
NCL: NCLM: 530/324.000  
NCL: 530/325.000; 530/326.000  
IC [6]  
ICM: C07K005-00  
ICS: C07K007-00; C07K017-00  
EXP 530/324-326; 514/12-14  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
L10 ANSWER 12 OF 21 USPTAFULL  
AN 94:09933 USPTAFULL  
TI Primary structure for functional expression from complementary DNA of a  
mammalian ATP-sensitive potassium channel  
IN Herbert, Steven C.; Mellesey, MA, United States  
PA Brigham & Women's Hospital, Boston, MA, United States (U.S. corporation)  
PI US 5356775 19941018  
AI US 1992-921178 19920729 (7)  
DT Utility  
FS Granted  
LN CNT 1771  
INCL: INCLM: 435/069.000  
INCLM: 435/069.100; 435/172.300; 435/320.100; 435/252.300; 435/240.200;  
NCL: NCLM: 435/011.000; 935/024.000; 935/056.000; 536/023.500  
NCL: 435/069.100; 435/252.300; 435/320.100; 536/023.500  
IC [5]  
ICM: C12N015-12  
ICS: C12N015-10; C12N015-63  
EXP 435/69.1; 435/172.3; 435/320.1; 435/252.3; 435/240.2; 435/6; 536/23.5;  
935/11; 935/24; 935/56  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
L10 ANSWER 13 OF 21 PCTFULL COPYRIGHT 2003 Univentio  
AN 1998030715 PCTFULL ED 20020514  
TIEN OPTICAL SENSORS OF CELL SIGNALING  
TIEN DETECTEUR OPTIQUE DE SIGNALISATION CELLULAIRE  
IN SIEGAL, Michah, S.;  
SIEGAL, Michah, Y.;  
ISACOFF, Ehud, Y.;  
PA CALIFORNIA INSTITUTE OF TECHNOLOGY;  
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA;  
SIEGAL, Michah, S.;  
ISACOFF, Ehud, Y.;  
LA English  
DT Patent  
PI WO 9830715 A1 19980716  
DS AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI  
GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG  
MK MN MM MX NO NZ PL PT RU SD SE SG SI SK TJ TM TR TT UA  
UK US UZ VN WZ YU ZL ZM ZN ZZ AA AB AC AD AE AG AH AI AJ AK AL  
AM AN AO AP AR AT AU AV AW AX AY AZ BA BB BC BD BE BF BG BH BI  
BJ BK BL BM BN BO BP BQ BR BS BT BU BV BW BX BY BZ CA CB CC CD  
CE CF CG CH CI CJ CK CL CM CN CO CP CQ CR CS CT CU CV CW CX CY  
CZ DA DB DC DD DE DF DG DH DI DJ DK DL DM DN DO DP DQ DR DS  
DT DU DV DW DX DY DZ EA EB EC ED EE EF EG EH EI EJ EK EL EM EN  
EO EP EQ ER ES ET EU EV EW EX EY EZ FA FB FC FD FE FF FG FH FI  
FJ FK FL FM FN FO FP FQ FR FS FT FU FV FW FX FY FZ GA GB GC GD  
GE GF GH GI GJ GK GL GM GN GO GP GQ GR GS GT GU GV GW GX GY GZ  
HA HB HC HD HE HF HG HH HI HJ HK HL HM HN HO HP HQ HR HS HT  
HU HV HW HX HY HZ IA IB IC ID IE IF IG IH II IJ IK IL IM IN IO  
IP IQ IR IS IT IU IV IW IX IY IZ JA JB JC JD JE JF JG JH JI JJ JK  
JL JM JN JO JP JQ JR JS JT JU JV JW JX JY JZ KA KB KC KD KE KF  
KG KH KI KJ KK KL KM KN KO KP KR KS KT KU KV KW KY KZ LA LB LC  
LD LE LF LG LH LI LJ LK LM LN LO LP LQ LR LS LT LU LV LW LX LY  
LZ MA MB MC MD ME MF MG MH MI MJ MK ML MN MO MP MQ MR MS MT  
MU MV MW MX MY MZ NA NB NC ND NE NF NG NH NI NJ NK NL NM NO NP  
NQ NR NS NT NU NV NW NX NY NZ OA OB OC OD OE OF OG OH OI OJ OK  
OL OM ON OO OP OQ OR OS OT OU OV OW OX OY OZ PA PB PC PD PE PF  
PG PH PI PJ PK PL PM PN PO PP PQ PR PS PT PU PV PW PX PY PZ QA  
QB QC QD QE QF QG QH QI QJ QK QL QM QN QO QQ QR QS QT QU QV QW  
QX QY QZ RA RB RC RD RE RF RG RH RI RJ RK RL RM RN RO RP RR RS  
RT RU RV RW RX RY RZ SA SB SC SD SE SF SG SH SI SJ SK SL SM SN  
SO SP SQ SR SS ST SU SV SW SX SY SZ TA TB TC TD TE TF TG TH TI  
TJ TK TL TM TN TO TP TQ TR TS TT TU TV TW TX TY TZ UA UB UC UD  
UE UF UG UH UI UJ UK UL UM UN UO UP UQ UR US UT UU UV UW UX UY  
UZ VA VB VC VD VE VF VG VH VI VJ VK VL VM VN VO VP VQ VR VS VT  
VU VV VW VX VY VZ WA WB WC WD WE WF WG WH WI WJ WK WL WM WN  
WO WP WQ WR WS WT WU WV WW WX WY WZ XA XB XC XD XE XF XG XH  
XI XJ XK XL XM XN XO XP XQ XR XS XT XU XV XW XX XY XZ YA YB  
YC YD YE YF YG YH YI YJ YK YL YM YN YO YP YQ YR YS YT YU YV  
YW YX YY YZ ZA ZB ZC ZD ZE ZF ZG ZH ZI ZJ ZK ZL ZM ZN ZO ZP  
ZQ ZR ZS ZT ZU ZV ZW ZX ZY ZZ

TIEN HUMAN ENDOSULFINE GENE  
TIEN GENE D'ENDOSULFINE D'ORIGINE HUMAINE  
IN ROCH, Jean-Marc;  
SCOTT, Victoria, E.; S.;  
ANDERSON, Kristi, L.;  
SULLIVAN, James, P.  
PA ABBOTT LABORATORIES  
LA English  
DT Patent  
PI WO 9830692 A2 19980716  
DS W: CA JP AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
W: 1998-US137 A 19980107  
AI US 1997-8/779, 775 19970107  
ICM C12N015-12  
ICS C12N015-70; C12N015-85; C12N001-21; C12N005-10; C12N001-02;  
C07K014-47; C07K016-18; A61K038-17  
L10 ANSWER 15 OF 21 PCTFULL COPYRIGHT 2003 Univentio  
AN 1998023639 PCTFULL ED 20020514  
TIEN SNA TOXIN COMPOSITIONS AND METHODS OF USE  
TIEN COMPOSITIONS DE TOXINES SNA ET PROCÉDES D'UTILISATION  
IN KEM, William, R.;  
PENNINGTON, Michael, W.;  
NORTON, Raymond, S.;  
CHANDY, George, K.;  
KALMAN, Kalan  
PA UNIVERSITY OF FLORIDA;  
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA;  
BACHEM BIOSCIENCE, INC.;  
BIOMOLECULAR RESEARCH INSTITUTE  
LA English  
DT Patent  
PI WO 9823639 A2 19980604  
DS AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI  
GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG  
MK MN MM MX NO NZ PL PT RU SD SE SG SI SK SL TJ TM TR TT UA  
UK US UZ VN WZ YU ZL ZM ZN ZZ AA AB AC AD AE AG AH AI AJ AK AL  
AM AN AO AP AR AT AU AV AW AX AY AZ BA BB BC BD BE BF BG BH BI  
BJ BK BL BM BN BO BP BQ BR BS BT BU BV BW BX BY BZ CA CB CC CD  
CE CF CG CH CI CJ CK CL CM CN CO CP CQ CR CS CT CU CV CW CX CY  
CZ DA DB DC DD DE DF DG DH DI DJ DK DL DM DN DO DP DQ DR DS  
DT DU DV DW DX DY DZ EA EB EC ED EE EF EG EH EI EJ EK EL EM EN  
EO EP EQ ER ES ET EU EV EW EX EY EZ FA FB FC FD FE FF FG FH FI  
FJ FK FL FM FN FO FP FQ FR FS FT FU FV FW FX FY FZ GA GB GC GD  
GE GF GH GI GJ GK GL GM GN GO GP GQ GR GS GT GU GV GW GX GY GZ  
HA HB HC HD HE HF HG HH HI HJ HK HL HM HN HO HP HQ HR HS HT  
HU HV HW HX HY HZ IA IB IC ID IE IF IG IH II IJ IK IL IM IN IO  
IP IQ IR IS IT IU IV IW IX IY IZ JA JB JC JD JE JF JG JH JI JJ JK  
JL JM JN JO JP JQ JR JS JT JU JV JW JX JY JZ KA KB KC KD KE KF  
KG KH KI KJ KK KL KM KN KO KP KR KS KT KU KV KW KY KZ LA LB LC  
LD LE LF LG LH LI LJ LK LM LN LO LP LQ LR LS LT LU LV LW LX LY  
LZ MA MB MC MD ME MF MG MH MI MJ MK ML MN MO MP MQ MR MS MT  
MU MV MW MX MY MZ NA NB NC ND NE NF NG NH NI NJ NK NL NM NO NP  
NQ NR NS NT NU NV NW NX NY NZ OA OB OC OD OE OF OG OH OI OJ OK  
OL OM ON OO OP OQ OR OS OT OU OV OW OX OY OZ PA PB PC PD PE PF  
PG PH PI PJ PK PL PM PN PO PP PQ PR PS PT PU PV PW PX PY PZ QA  
QB QC QD QE QF QG QH QI QJ QK QL QM QN QO QQ QR QS QT QU QV QW  
QX QY QZ RA RB RC RD RE RF RG RH RI RJ RK RL RM RN RO RP RR RS  
RT RU RV RW RX RY RZ SA SB SC SD SE SF SG SH SI SJ SK SL SM SN  
SO SP SQ SR SS ST SU SV SW SX SY SZ TA TB TC TD TE TF TG TH TI  
TJ TK TL TM TN TO TP TQ TR TS TT TU TV TW TX TY TZ UA UB UC UD  
UE UF UG UH UI UJ UK UL UM UN UO UP UQ UR US UT UU UV UW UX UY  
UZ VA VB VC VD VE VF VG VH VI VJ VK VL VM VN VO VP VQ VR VS VT  
VU VV VW VX VY VZ WA WB WC WD WE WF WG WH WI WJ WK WL WM WN  
WO WP WQ WR WS WT WU WV WW WX WY WZ XA XB XC XD XE XF XG XH  
XI XJ XK XL XM XN XO XP XQ XR XS XT XU XV XW XX XY XZ YA YB  
YC YD YE YF YG YH YI YJ YK YL YM YN YO YP YQ YR YS YT YU YV  
YW YX YY YZ ZA ZB ZC ZD ZE ZF ZG ZH ZI ZJ ZK ZL ZM ZN ZO ZP  
ZQ ZR ZS ZT ZU ZV ZW ZX ZY ZZ

L10 ANSWER 14 OF 21 PCTFULL COPYRIGHT 2003 Univentio  
AN 1998030692 PCTFULL ED 20020514

LA English  
DT Patent  
PI WO 9726357 A1 19970724  
DS AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI  
GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG  
MK MN MM MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA

US US UZ VN KE LS MM SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT  
BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG  
CI CM GA GN ML MR NE SN TD TG

AI WO 1997-US787 A 19970117  
PRAI US 1996-8/588,983 19960119  
ICM CI2N005-54  
ICS CI2N009-10; CI2N009-00; CI2N005-10; CI2N015-17; CI2N009-12;  
C07K014-62; A61K038-28

L10 ANSWER 17 OF 21 PCTFULL COPYRIGHT 2003 Univentio  
AN 1997026322 PCTFULL ED 20020514  
TIEN METHODS AND COMPOSITIONS FOR INHIBITING HEXOKINASE  
TIFR COMPOSITIONS ET PROCESSES D'INHIBITION DE L'HEXOKINASE  
IN NEMCARD, Christopher, B.;  
HAN, He-Ping;  
BECKER, Thomas, C.;  
WILSON, John, E.  
English  
Patent  
WO 9726322 A2 19970724

LA AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI  
DT GB GE HU IL IS JP KE KP KR KZ LC LK LR LS LT LU LV MD MG  
PI MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA  
DS UG US UZ VN KE LS MM SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT  
BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG  
CI CM GA GN ML MR NE SN TD TG  
A 19970117  
WO 1997-US786 A 19970117  
PRAI US 1996-8/588,976 19960119  
ICM CI2N015-54  
ICS CI2N005-10; CI2N015-17; CI2N009-12; C07K014-62; A61K038-28

L10 ANSWER 18 OF 21 PCTFULL COPYRIGHT 2003 Univentio  
AN 199702632 PCTFULL ED 20020514  
TIEN A LONG QT SYNDROME GENE WHICH ENCODES KVLQT1 AND ITS ASSOCIATION WITH  
TIFR minK  
GENE DU SYNDROME DU Q-T LONG CODANT KVLQT1 ET SON ASSOCIATION AVEC minK  
IN KEATING, Mark, E.;  
CURRAN, Mark, E.;  
LANDES, Gregory, M.;  
CONNORS, Timothy, D.  
UNIVERSITY OF UTAH RESEARCH FOUNDATION;  
GENZYME GENETICS  
English  
Patent  
WO 9726322 A1 19970703

PA AU CA JP KR NZ AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL  
LA WO 1996-US19917 A 19961220  
DT US 1995-60/019,014 19951222  
PI US 1996-8/739,383 19961029  
DS W: CI2N015-63  
AI CI2N005-00; CI2N015-00; A01N043-04; A61K031-70  
ICM CI2N015-63  
ICS CI2N005-00; CI2N015-00; A01N043-04; A61K031-70

L10 ANSWER 19 OF 21 PCTFULL COPYRIGHT 2003 Univentio  
AN 1997023598 PCTFULL ED 20020514  
TIEN A LONG QT SYNDROME GENE WHICH ENCODES KVLQT1 AND ITS ASSOCIATION WITH  
TIFR minK  
GENE DU SYNDROME DU Q-T LONG CODANT POUR KVLQT1, QUI SE

IN COSSEMBLE AVEC minK POUR FORMER DES CANAUX POTASSIQUES CARDIAQUES IKS  
KEATING, Mark, T.;  
SANGINETTI, Michael, C.;  
CURRAN, Mark, E.  
UNIVERSITY OF UTAH RESEARCH FOUNDATION  
English  
Patent  
WO 9723598 A2 19970703

LA AU CA JP KR NZ AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL  
DT WO 9723598  
PI PT SE  
DS WO 1996-US19756 A 19961220  
AI US 1995-60/019,014 19951222  
PRAI US 1996-8/739,383 19961029  
ICM CI2N015-63  
ICS CI2N005-00; CI2N015-00; A01N043-04; A61K031-70

L10 ANSWER 20 OF 21 PCTFULL COPYRIGHT 2003 Univentio  
AN 1996018957 PCTFULL ED 20020514  
TIEN A METHOD FOR PREDICTING PROTEIN STRUCTURE  
TIFR PROCEDURE DE PREVISION DE LA STRUCTURE D'UNE PROTEINE  
IN CZEGLIEDY, Ferenc,di;  
FISCHBARG, Jorge;  
ISEROVICH, Pavel;  
LI, Jun;  
CHEUNG, Min  
THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK  
English  
Patent  
WO 9618957 A1 19960620

LA AU CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE  
DT W: 1995-US16126 A 19951213  
PI US 1994-8/355,844 19941214  
DS PRAI G06F017-10  
ICM G06F017-50; G06F019-00  
ICS G06F017-50; G06F019-00

L10 ANSWER 21 OF 21 SCISEARCH COPYRIGHT 2003 THOMSON ISI  
AN 1998172904 SCISEARCH  
GA The Genuine Article (R) Number: Y1335  
TI Enhanced neurotransmitter release is associated with reduction of neuronal  
branching in a Drosophila mutant overexpressing frequenin  
AU Angautpetic D (Reprint); Toch P; Rogero O; Faille L; Tejedor F J; Ferrus A  
CS CNRS, NEUROBIOL CELLULAIRE & MOL LAB, F-91198 GIF SUR YVETTE, FRANCE  
(Reprint); CSIC, INST CAVAL, E-28002 MADRID, SPAIN  
CVA FRANCE, SPAIN  
SO EUROPEAN JOURNAL OF NEUROSCIENCE, (FEB 1998) VOL. 10, No. 2, pp. 423-434,  
Publisher: OXFORD UNIV PRESS, GREAT CLARENDON ST, OXFORD, ENGLAND OX2 6DP,  
ISSN: 0953-816X.  
Article: Journal  
DT English  
FS Life  
LA Reference Count: 48  
REC \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

=> d his  
(FILE 'HOME' ENTERED AT 10:45:33 ON 26 JUN 2003)  
FILE 'MEDLINE, CANCERLIT, BIOSIS, CONFSCI, EMBASE, CAPLUS, USPATFULL,  
PCTFULL, SCISEARCH' ENTERED AT 10:47:10 ON 26 JUN 2003  
1842 S TRANSGENIC? AND POTASSIUM (A) CHANNEL?  
156 S L1 AND P (A) DOMAIN  
154 DUP REM L2 (2 DUPLICATES REMOVED)  
1 S L3 NOT PY=>1998  
1 S L3 NOT PY=>1999



L6 327 S POTASSIUM (A) TRANSPORT (A) CHANNEL  
 L7 14 S L6 AND TRANSGENIC?  
 L8 245 S L1 AND SHAKER  
 L9 217 DUP REM L8 (28 DUPLICATES REMOVED)  
 L10 21 S L9 NOT PY=>1999

=> d 110 2,6,7,8 ab

L10 ANSWER 2 OF 21 MEDLINE  
 AB Long-term memory is thought to be subserved by functional remodeling of neuronal circuits. Changes in the weights of existing synapses in networks might depend on voltage-gated potassium currents. We therefore studied the physiological role of potassium channels in memory, concentrating on the Shaker-like Kv1.1, a late rectifying potassium channel that is highly localized within dendrites of hippocampal CA3 pyramidal and dentate gyrus granular cells. Repeated intracerebroventricular injection of antisense oligodeoxynucleotide to Kv1.1 reduces expression of its particular intracellular mRNA target, decreases late rectifying K<sup>+</sup> current(s) in dentate granule cells, and impairs memory but not other motor or sensory behaviors, in two different learning paradigms, mouse passive avoidance and rat spatial memory. The latter, hippocampal-dependent memory loss occurred in the absence of long-term potentiation changes recorded both from the dentate gyrus or CA1. The specificity of the reversible antisense targeting of mRNA in adult animal brains may avoid irreversible developmental and genetic background effects that accompany transgenic "knockouts".

L10 ANSWER 6 OF 21 MEDLINE  
 AB The Shaker locus of Drosophila melanogaster encodes a family of A-type potassium channel subunits. Shaker mutants behave as antimorphs in gene dosage tests. This behaviour is due to the production of truncated A-channel subunits. We propose that they interfere with the function of their normal counterpart by forming multimeric A-channel structures. This hypothesis was tested by constructing transgenic flies carrying a heat-inducible gene encoding a truncated A-type potassium channel subunit together with a normal wild type doses of A-type potassium channel subunits. The altered subunit leads at larval, pupal or adult stages to the transformation of wild type into Shaker flies. The transformed flies exhibited a heat-inducible abnormal leg shaking behaviour and a heat-inducible facilitated neurotransmitter release at larval neuromuscular junctions. By the overexpression of an aberrant A-channel subunit the normal behaviour of transgenic D. melanogaster can be altered in a predictable way.

L10 ANSWER 7 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
 AB SKOR, a K<sup>+</sup> channel identified in Arabidopsis, displays the typical hydrophobic core of the Shaker channel superfamily, a cyclic nucleotide-binding domain, and an ankyrin domain. Expression in Xenopus oocytes identified SKOR as the first member of the Shaker family in plants to be endowed with outwardly rectifying properties. SKOR expression is localized in root stele tissues. A knockout mutant shows both lower shoot K<sup>+</sup> content and lower xylem sap K<sup>+</sup> concentration, indicating that SKOR is involved in K<sup>+</sup> release into the xylem sap toward the shoots. SKOR expression is strongly inhibited by the stress phytohormone abscisic acid, supporting the hypothesis that control of K<sup>+</sup> translocation toward the shoots is part of the plant response to water stress.

L10 ANSWER 8 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

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